

Forest Friends

Grade 1



What grows in a forest?

Photo Analysis: What do you see in the photo?



Setting the Stage: Mo'ōlelo

One of the first trees to grow back after an eruption is the 'ōhi'a lehua. Its flowers are said to be sacred to Pele and if picked, the rains would follow. To make a cultural connection, share the story of 'ōhi'a and lehua, a couple who eventually were turned into a tree and flower. 'Ōhi'a being the man was turn into the tree because

he refused the love of Pele. Lehua, the woman in turn became the flower placed on the tree by the kahuna so they would always be together.

Determining the Facts: Listen, think and share.

1. Who lives in trees? (Birds and insects and other plants.) Fern Photo



‘Āpapane



‘Enuhe



Pūlelehua



Happyface Spider



Moss

2. Why do people need trees? They are good for many things!

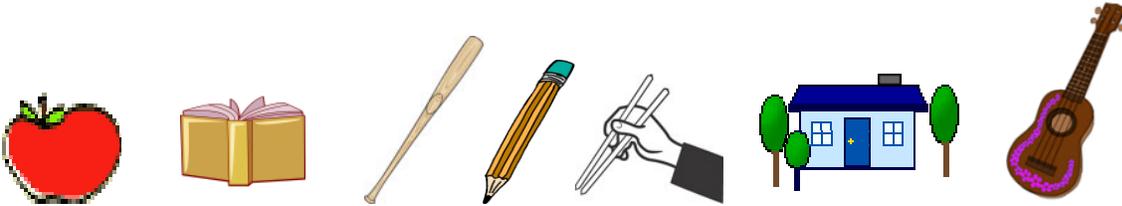
(Trees make the air that we breathe, and are building material for homes, firewood, furniture, and provide food for animals and people (ex: nuts and fruit). Tree branches and leaves provide shade and are good places to relax and cool down when having a picnic or out on a hike.)

3. Why do trees need people?

(People can protect trees from harm by using fencing around them to keep harmful animals away. People also take care of trees by keeping them healthy; treating them when they have bug infestations or disease. Trees need us to care for them, keep them safe and to plant new ones. No one is allowed to cut down or harm trees in a National Park!)

All Together Activity: What do all of these items have in common? (They all come from trees.)

Show the larger images on the laminated sheet.



Can you think of more things we use that are made from trees? Share ideas!

Scientific Evidence: Sit, look, listen, and share.

1. What do you hear in the forest? Listen!
(Birds singing, branches and leaves rustling in the wind...)
2. What are the parts of a tree? First, look at real trees, then students will label the parts of a tree and color a picture on worksheets.

Worksheet copies available at: http://www.timeforkids.com/TFK/class/pdfs/2006S/060303_bp5.pdf

3. How are the parts of a tree like our bodies?
(arms and hands are like branches, our body is like a tree trunk, our feet keep us from falling over like tree roots do, our lungs and leaves both breathe).

Add: Trees also need water, sunlight, and food to grow just like we do

4. What are the names of the trees we are seeing today? (‘Ōhi‘a, koa, hāpu‘u)
Show laminated images. How are they alike? Different??

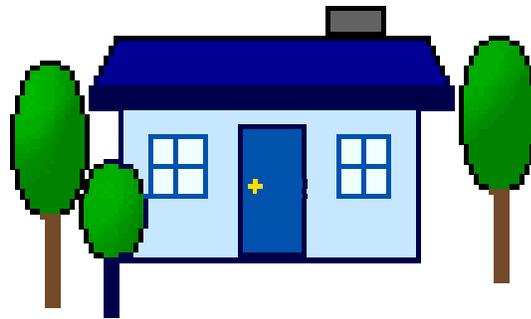
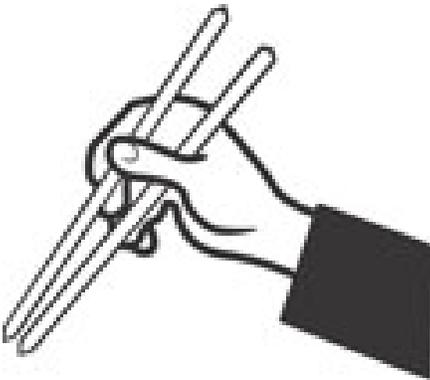


In Closing: Look, listen and share. What do trees do all day?

(Trees are very busy all day! During the day, sunlight helps the leaves absorb carbon dioxide from the air and when combined with water, produces food for the tree - so the tree can grow and produce more leaves. This process is called photosynthesis. Besides producing food for the tree, photosynthesis produces oxygen for us to breathe. Trees make great homes for the birds and insects that live on them; make cool shady places for us to visit and listen to the song of the winds blowing through their branches.

Always remember to mālama ‘āina so that our beautiful trees are always here for us!!

What do all of these things have in common??



(Answer: They all come from trees!!)





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